Abstract of the Disclosure

A method is for signing access operations to electronic data. A data processing facility is for carrying out the method. A first step of the method involves the performance of a security check in order to ascertain the identity of a user. A second step involves a user signature, which clearly identifies the user, being assigned on the basis of the result of the security check without being able to be viewed by the user. A third step involves a role signature, which can be assigned in parallel to a plurality of users having a common role affiliation, being assigned on the basis of the result of the security check without being able to be viewed by the user. A fourth step involves access operations to electronic data being signed by specifying both the user signature and the role signature. The multiple signature ensures that all data access operations can be subsequently reconstructed by specifying the user and the user's role affiliation at the time of the data access.